

## Method and System for Image Chroma Suppression

### ABSTRACT:

A method and system for image chroma suppression of an image sensor system.

Chroma suppression is performed to reduce the false color phenomena. The amount  
5 of chroma suppression is performed based on the strength of spatial frequency for a  
current processing pixel measured during edge detection. In determining the strength  
of spatial frequency of the current processing pixel, only a small number of green pixel  
values are needed, regardless of whether or not the current processing pixel is a green  
pixel within the Bayer pattern. As such, line buffers from the color interpolation  
10 module of an image sensor system can also be used for the purpose of chroma  
suppression.